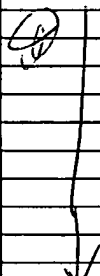


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete If Known		
			Application Number	10/798,675	
			Filing Date	March 11, 2004	
			First Named Inventor	Oscar E. Agazzi, et al.	
			Art Unit	2631	
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	13476US03

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A	US-6,272,569	08-07-2001	Nordling, Karl	
	B	US- 6,777,914	07-07-1998	Larsson et al.	
	C	US- 6,177,951	01-23-2001	Ghosh, Monisha	
	D	US- 5,353,310	10-04-1994	Russell et al.	
	E	US- 5,809,071	09-15-1998	Kobayashi et al.	
	F	US- 6,055,119	04-25-2000	Lee, Myeong-hwan	
	G	US- 5,870,438	02-09-1999	Olafsson, Sverrir	
	H	US- 5,367,538	11-22-1994	Tsujimoto, Ichiro	
	I	US- 5,509,032	04-16-1998	Bond, James W.	
	J	US- 5,638,409	08-10-1997	Awata et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	12/07/07
-----------------------	---	--------------------	----------

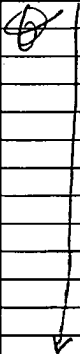
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/798,675
				Filing Date	03-11-2004
				First Named Inventor	Agazzi et al
				Art Unit	2632
				Examiner Name	Not yet assigned
				Attorney Docket Number	13476US03
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 4,328,585	05-1982	Monsen	
		US- 4,631,735	12-1986	Qureshi	
		US- 4,833,693	05-1989	Eyuboglu	
		US- 5,249,200	09-1993	Chen et al	
		US- 5,604,769	02-1997	Wang	
		US- 5,784,415	07-1998	Chevillat et al	
		US- 5,991,349	11-1999	Chen	
		US- 5,870,433	02-1999	Huber et al.	
		US- 5,914,987	06-1999	Fogel	
		US- 6,009,120	12-1999	Nobakht	
		US- 6,249,544	06-2001	Azazzi et al.	
		US- 6,252,904	06-2001	Agazzi et al.	
		US- 6,504,867	01-2003	Efstathiou	
		US-			
		US-			
	US-				
	US-				
	US-				
	US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
↓		EP-0206770 A1	12-30-1986	Codex Corporation		
		EP-0778687 A1	06-11-1997	KE Kommunikations-Elektronik GmbH & Co.		
		EP-0889612 A1	01-07-1999	Lucent Technologies, Inc.		

Examiner Signature		Date Considered	12/07/07
--------------------	--	-----------------	----------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/798,675
		Filing Date	03-11-2004
		First Named Inventor	Agazzi et al
		Art Unit	2632
		Examiner Name	Not yet assigned
		Attorney Docket Number	13476US03
Sheet	1	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BERGMANS J W ET AL, "On the Use of Decision Feedback for Simplifying the Viterbi Detector", Philips Journal of Research, November 23, 1987, pp. 399-428, Vol. 42 no. 4, XP000565157, Amsterdam, The Netherlands.	
		HARATSCH E, "High-Speed VLSI Implementation of Reduced Complexity Sequence Estimation Algorithms with Application to Gigabit Ethernet 100Base-T", International Symposium on VLSI Technology, Systems and Applications, Piscataway, NJ, USA, June 8-10 1999, pp 171-174, XP002136642.	
		RAHELI R, "Per Survivor Processing: A General Approach to MLSE in Uncertain Environments", IEEE Transactions on Communications, New York, USA, February 1995, pp 354-364, vol. 43 no. 2-4, XP002059868.	

Examiner Signature		Date Considered	12/07/07
-----------------------	--	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.